

# SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services  
Div. Environmental Health, 11 SHS  
(207) 287-2070 FAX (207) 287-4172

<b>PROPERTY LOCATION</b>		<b>&gt;&gt; CAUTION: LPI APPROVAL REQUIRED &lt;&lt;</b>	
City, Town, or Plantation	LAMOINE	Town/City	Lamoine Permit # 1901
Street or Road	TALL PINES DRIVE	Date Permit Issued	6/21/18 Fee \$ 26.5 Double Fee Charged ( )
Subdivision, Lot #		Local Plumbing Inspector Signature	<i>[Signature]</i> L.P.I. # 394
<b>OWNER/APPLICANT INFORMATION</b>		Fee: \$ _____ state min. fee \$ _____ Locally adopted fee	
Name (last, first, MI)	WARNER, JEFF	Copy: <input type="checkbox"/> Owner <input type="checkbox"/> Town <input checked="" type="checkbox"/> State	
Mailing Address of <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	306 HARBOR DRIVE BASS HARBOR, ME. 04653	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #		Municipal Tax Map # 3	Lot # 19-2
<b>OWNER OR APPLICANT STATEMENT</b>		<b>CAUTION: INSPECTION REQUIRED</b>	
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a permit.		I have inspected the installation authorized above and found it to be in compliance with Subsurface Wastewater Disposal Rules Application.	
<i>[Signature]</i> Signature of Owner or Applicant		<i>[Signature]</i> Local Plumbing Inspector Signature	
Date 6/21/18		(1st Date Approved)	
		(2nd Date Approved)	

## PERMIT INFORMATION

<b>TYPE OF APPLICATION</b>	<b>THIS APPLICATION REQUIRES</b>	<b>DISPOSAL SYSTEM COMPONENT(S)</b>
<input checked="" type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. Minor Expansion <25% <input type="checkbox"/> b. Major Expansion ≥ 25% <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	<input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	<input checked="" type="checkbox"/> 1. Complete Non-engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt. toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input type="checkbox"/> 4. Non-engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000 gpd or more) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
<b>SIZE OF PROPERTY</b> _____ <input type="checkbox"/> sq. ft. <input type="checkbox"/> acres	<b>DISPOSAL SYSTEM TO SERVE</b> <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 3 <input type="checkbox"/> 2. Multiple Family Dwelling, No. of Units: _____ <input type="checkbox"/> 3. Other: (SPECIFY) _____	<b>TYPE OF WATER SUPPLY</b> <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing
<b>SHORELAND ZONING</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Current Use:</b> <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	<input checked="" type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____

## DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

<b>TREATMENT TANK</b> <input checked="" type="checkbox"/> 1. Concrete <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input type="checkbox"/> c. with lift station <input type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY 1000 gallons	<b>DISPOSAL FIELD TYPE &amp; SIZE</b> <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input checked="" type="checkbox"/> 3. Proprietary Device 10 END FEED CONCRETE CHAMBERS <input type="checkbox"/> a. Cluster Array <input checked="" type="checkbox"/> c. Linear <input checked="" type="checkbox"/> b. Regular load <input type="checkbox"/> d. H-20 load <input type="checkbox"/> 4. Other: _____ SIZE 900 sq. ft. <input type="checkbox"/> lin. ft.	<b>GARBAGE DISPOSAL UNIT</b> <input checked="" type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment Tank <input type="checkbox"/> b. _____ Tanks in Series <input type="checkbox"/> c. Increase in Tank Capacity <input type="checkbox"/> d. Filter on Tank Outlet	<b>DESIGN FLOW</b> 270 gallons per day BASED ON <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
<b>SOIL DATA &amp; DESIGN CLASS</b> PROFILE CONDITION 3/2, C at Observation Hole # 1 Depth 18" OF MOST LIMITING SOIL FACTOR	<b>DISPOSAL FIELD SIZING</b> <input type="checkbox"/> 1. Medium - 2.6 sq. ft./gpd <input checked="" type="checkbox"/> 2. Medium-Large - 3.3 sq. ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq. ft./gpd <input type="checkbox"/> 4. Extra Large - 5.0 sq. ft./gpd	<b>EFFLUENT/EJECTOR PUMP</b> <input type="checkbox"/> 1. Not Required <input checked="" type="checkbox"/> 2. May be Required <input type="checkbox"/> 3. Required Specify only for engineered systems DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER METER DATA <b>LATITUDE AND LONGITUDE</b> at center of disposal area Lat. 44° 28' 35.8" N Lon. 68° 20' 04.1" W if g.p.s., state margin of error 30'

## SITE EVALUATOR STATEMENT

I certify that on 5-10-18 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

*[Signature]* 319 5-20-18  
Site Evaluator Signature SE# Date  
WILLIAM A. LaBELLE, JR. (207) 537-5900 labelleseptec@rivah.net

Site Evaluator Name Printed Telephone Number E-mail Address  
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator.



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Owner or Applicant Name  
JEFF WARNER

Scale 1" = 30 Ft.

**SITE LOCATION PLAN**  
(Attach map from Maine Atlas  
for First Time System Variance)

A hand-drawn map showing the location of the 'SITE' (marked with an asterisk) relative to 'Walker Road', 'Beach Road', 'Lamoine', and 'Tall Pines Drive'. A 'School' is also indicated with a square symbol.

Figure 1 is a graph showing the relationship between depth below mineral soil surface (inches) and various soil properties. The y-axis represents depth in inches, ranging from 0 to 50. The x-axis is divided into four columns: Texture, Consistency, Color, and Mottling. A diagonal line represents the relationship between depth and these properties. Below the graph is a table for Soil Classification, Slope, and Limiting Factor.

Soil Classification		Slope	Limiting Factor
Profile	Condition	%	"
			<input type="checkbox"/> Ground Water <input type="checkbox"/> Restrictive Layer <input type="checkbox"/> Bedrock <input type="checkbox"/> Pit Depth

Page 2 of 3  
HHE-200 Rev. 01/2018

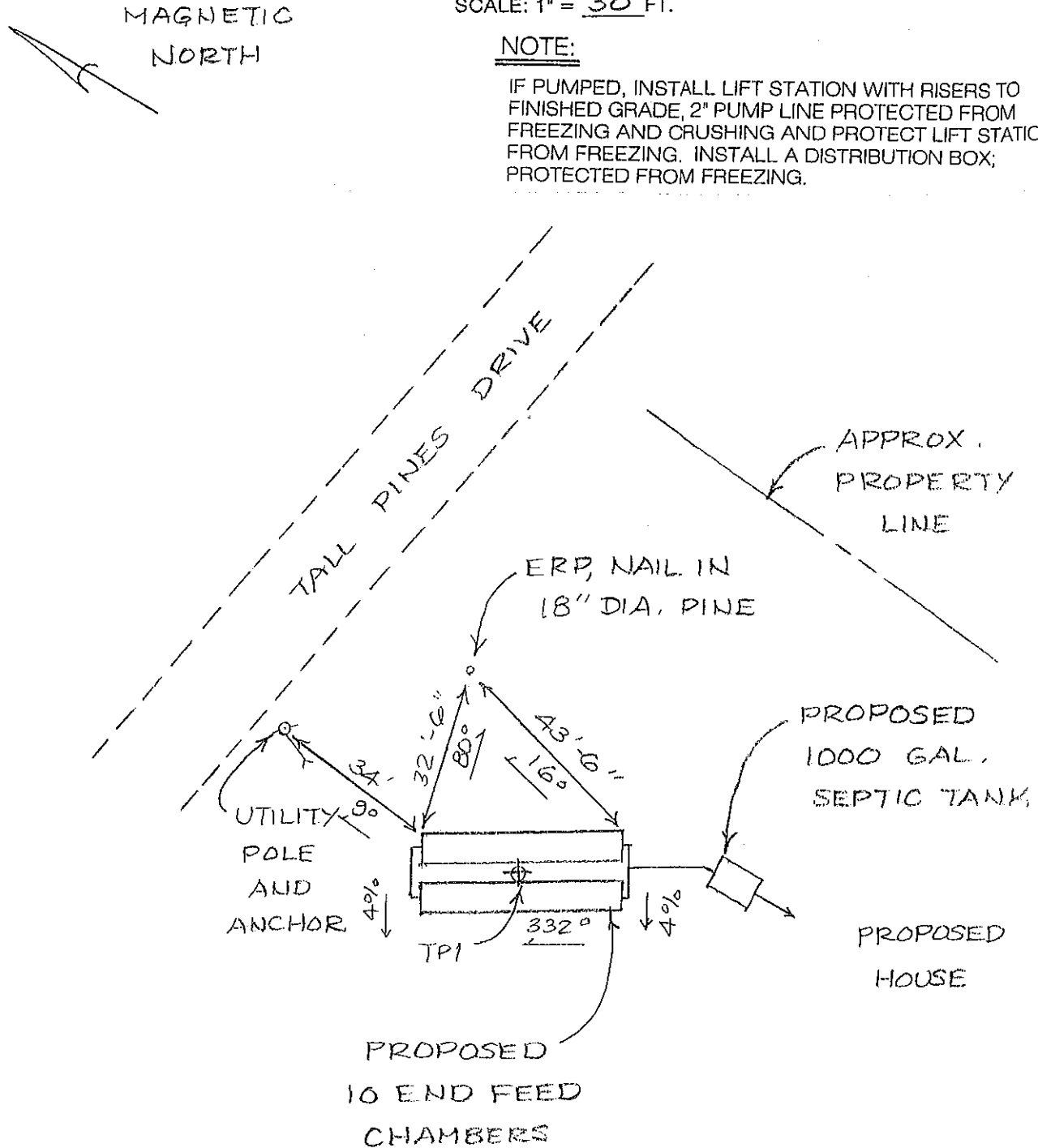
Town, City, Plantation LAMONE	Street, Road, Subdivision TALL PINES DRIVE	Owner or Applicant Name JEFF WARNER
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**SITE PLAN:**

SCALE: 1" = 30 FT.

**NOTE:**

IF PUMPED, INSTALL LIFT STATION WITH RISERS TO FINISHED GRADE, 2" PUMP LINE PROTECTED FROM FREEZING AND CRUSHING AND PROTECT LIFT STATION FROM FREEZING. INSTALL A DISTRIBUTION BOX; PROTECTED FROM FREEZING.



*W.C. 2.7*  
Site Evaluator's Signature

319  
S.E. #

5-20-18  
Date



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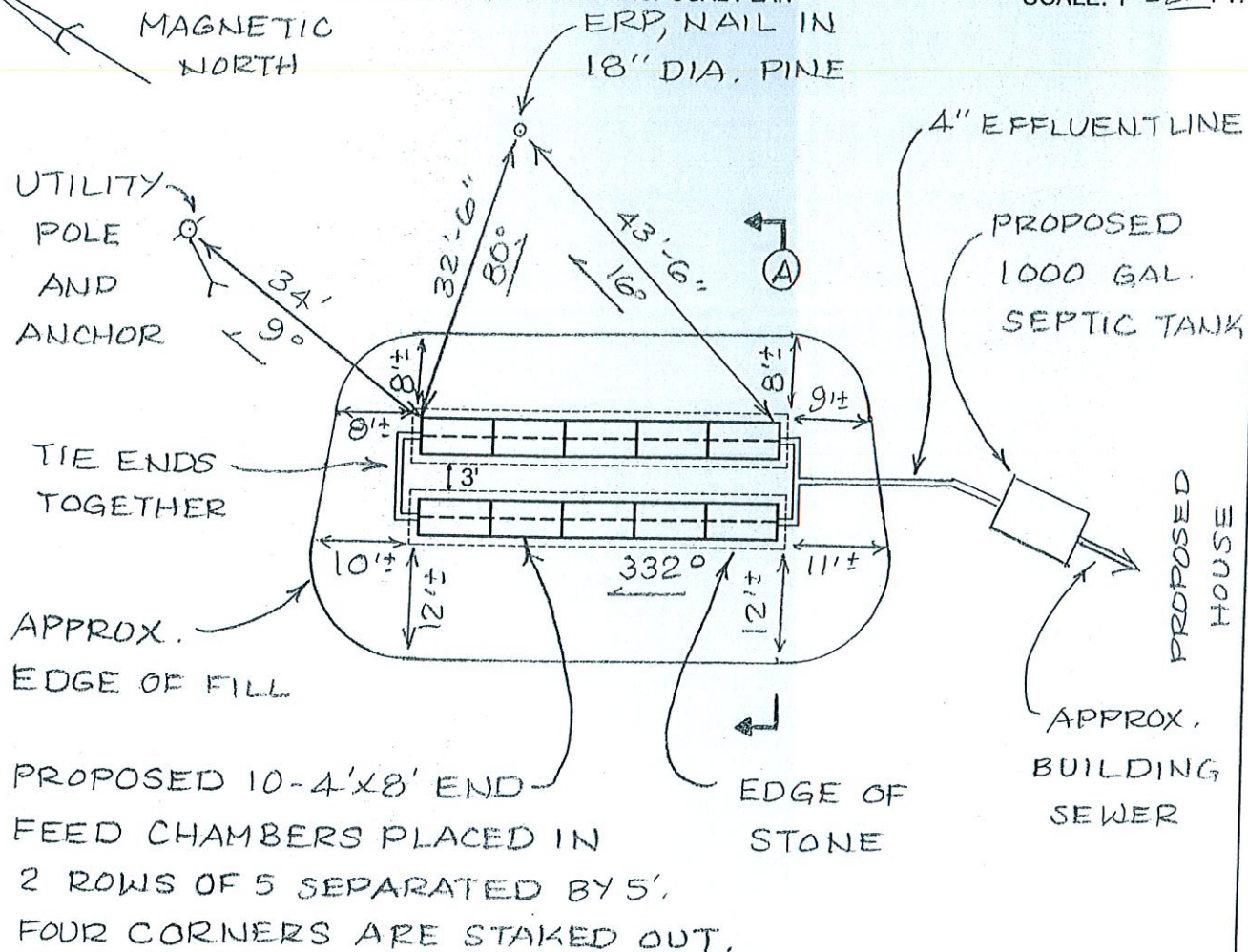
Town, City, Plantation  
**LAMOINE**

Street, Road, Subdivision  
**TALL PINES DRIVE**

Owner or Applicant Name  
**JEFF WARNER**

## SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	16"-18"	Finished Grade Elevation	CROWN	-35"		Location & Description NAIL 32'
Depth of Backfill (Downslope)	22"-24"	Top of Distribution Pipe or Proprietary Device		-47"	N/A	ABOVE GROUND IN 18" DIA. PINE
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field		-60"		Reference Elevation is: 0"

### DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

#### NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPs" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation or frost wall must be 20' minimum from edge of disposal field and no full basement, slab, columns or posts must be 15' minimum from edge of disposal field.

*W. C. 2.17*  
Site Evaluator's Signature

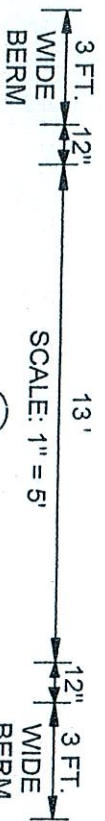
319  
S.E. #

5-20-10  
Date

Page 3 of 3  
HHE-200 Rev. 01/2018



# DISPOSAL AREA CROSS SECTION



NOTE:  
GRADE UPSLOPE TO DIVERT  
SURFACE WATER AWAY FROM  
SYSTEM, ALSO DOWN SLOPE.

FILL MATERIAL SHALL BE 8"-12" THICK  
OVER CHAMBERS AND SHALL BE GRAVELLY  
COARSE SAND TO THE STANDARDS IN  
SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM  
SOIL MIX TO ESTABLISH A GOOD  
VEGETATIVE COVER. SEED  
AND MULCH TO PREVENT EROSION,  
SEC. 11-G.

CROWN FINISH GRADE FROM CENTER AT 3% SLOPE

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F  
RECOMMENDED OVER STONE AND CHAMBERS

FILL EXTENSIONS  
NO GREATER THAN 4:1,  
(25% SLOPE).

FILL EXTENSIONS  
NO GREATER THAN 4:1,  
(25% SLOPE).

24" FILL

9"

3%

3"

12"

3%

9"

18" FILL

18"

12" CLEAN STONE,  
(3/4" - 2 1/2" DIA.),  
UNIFORM SIZE.

LIMITING FACTOR

EXISTING GRADE

4" CUT

2" FILL

4' x 8' CHAMBER

2" FILL

9"

REMOVE VEGETATION AND SCARIFY  
ORIGINAL SOIL UNDER ENTIRE FILL AREA,  
SEC. 11-B.

BOTTOM OF CHAMBERS MUST BE  
LEVEL WITH MAXIMUM GRADE  
TOLERANCE OF 2" PER 100'.

THOROUGHLY MIX, DISK OR ROTO-TILL  
CLEAN, COARSE, SHARP SAND INTO  
TOP 6 INCHES OF ORIGINAL SOIL TO  
CREATE A TRANSITION ZONE, SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP): 0"

FINISHED GRADE:

-35" CROWN

TOP OF CHAMBERS:

-47"

BOTTOM OF CHAMBERS:

-60"

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING  
TO THE RULES AND PRACTICES SET FORTH  
IN THE MOST CURRENT VERSION OF THE  
STATE OF MAINE SUBSURFACE WASTEWATER  
DISPOSAL RULES. INSTALLATION CONTRACTOR  
MUST BE FAMILIAR WITH SAID RULES AND  
CONSTRUCT SYSTEM IN FULL COMPLIANCE  
WITH SECTION 11 OF SAID RULES.

OWNER: JEFF WARNER

LOCATION: LAMONIE

DOC 17

WILLIAM A. LABELLE, JR.

S.E.#

5-20-18

DATE